

SYSTEM AND METHOD FOR COMPRESSING AND
DECOMPRESSING BROWSER CACHE IN PORTABLE, HANDHELD AND
WIRELESS COMMUNICATION DEVICES

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Abstract of the Disclosure

Improved browser caching performance in portable, handheld and
wireless communication devices has been achieved by ASIC compression and
10 decompression engines that compress cache content resulting in a more efficient
use of the limited memory of such devices. Based on a data type, the
compression engine selects an appropriate compression accelerator which
invokes a corresponding compression algorithm, to compress the cache data.
The process is reversed when the cache is requested by the browser.

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